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U.S. PTO

PTO/SB/05 (12/97)

Please type a plus sign (+) inside this box → ☐Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	1052.2.1	Total Pages	400
First Inventor : James L. Gardiner			
Title: AN IMPROVED DATABASE SEARCHING DEVICE AND METHOD			
Express Mail Label No.	ER540256820US		

22390 U.S. PTO  
10/759625

011504

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO: Assistant Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, VA 22313-1450**

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Applicant Claims Small Entity Status
3. ☒ Specification (Total Pages) 24  
(Preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Application
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) (Total Pages) 14
5. Oath or Declaration (Total Pages) 2
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation /divisional with Box 17 completed)  
[Note Box 5 below]
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named  
in prior application, see 37 CFR 1.63(d)(2) and  
1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ Paper
  - c. ☐ Statement verifying identify of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2) (B) (i).  
Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Express Mail Certificate

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label 36,491  
☐ Or Correspondence address below

NAME	Brian C. Kunzler				
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Name: Brian C. Kunzler

Registration No. (Attorney/Agent): 38,528

Signature: Brian C. KunzlerDate: 1/15/04



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# FEE TRANSMITTAL

Note: Effective October 1, 2001.  
Patent fees are subject to annual revision.

Complete if Known

Application Number	Not yet assigned
Filing Date	January 15, 2004
First Named Inventor	James L. Gardiner
Group Art Unit	
Examiner Name	
Attorney Docket Number	1052.2.1

TOTAL AMOUNT OF PAYMENT \$385

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account No.: \_\_\_\_\_

Deposit Account Name: \_\_\_\_\_

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Charge the Issue Fee In 37 CFR at the Mailing of the Notice of Allowance ☐

2. ☒ Payment Enclosed:

☒ X Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	770	Utility filing fee	385
		1002	340	Design filing fee	
		1003	530	Plant filing fee	
		1004	770	Reissue filing fee	
		1005	160	Provisional filing fee	

SUBTOTAL (1)

\$ 385

### 2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
20	-20 =	0 x 8 =	0
3	-3 =	0 x 43 =	0
Multiple Dep. Claims	0 x	280 =	0

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
		1202	18	Claims in excess of 20
		1201	86	Independent claims in excess of 3
		1203	290	Multiple dependent claim
		1204	86	Reissue independent claims over original patent
		1205	18	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

0

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1051	130	Surcharge - late filing fee or oath	
		1052	50	Surcharge - late provisional filing fee or cover sheet	
		1053	130	Non-English specification	
		1812	2520	For filing a request for reexamination	
		1804	920*	Requesting publication of SIR prior to Examiner action	
		1805	1840*	Requesting publication of SIR after Examiner action	
		1251	110	Extension for reply within first month	
		1252	420	Extension for reply within second month	
		1253	950	Extension for reply within third month	
		1254	1480	Extension for reply within fourth month	
		1255	2010	Extension for reply within fifth month	
		1401	330	Notice of Appeal	
		1402	330	Filing a brief in support of an appeal	
		1403	290	Request for oral hearing	
		1451	1510	Petition to institute a public use proceeding	
		1452	110	Petition to revive -unavoidably	
		1453	1330	Petition to revive - unintentional	
		1501	1330	Utility issue fee	
		1502	480	Design issue fee	
		1503	640	Plant issue fee	
		1460	130	Petitions to the Commissioner	
		1807	50	Petitions related to provisional applications	
		1806	180	Submission of Information Disclosure Stmt	
		8021	40	Recording each patent assignment per property (times number of properties)	
		1809	770	Filing a submission after final rejection (37 CFR 1.129(a))	
		1810	770	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee

SUBTOTAL (3)

0

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Brian C. Kunzler			Reg. Number	38,527
Signature				Deposit Account User ID	
Date	Jan 15, 2004				

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

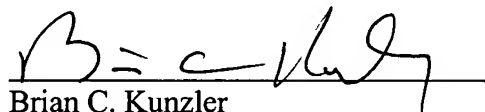
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label No.: ER540256820US

Date of Deposit: January 15, 2004

I hereby certify that this patent application in the name of James L. Gardiner for AN IMPROVED DATABASE SEARCHING DEVICE AND METHOD, together with the drawings, a Declaration, Power of Attorney, and Check No. 1938 for \$ 385 are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above in an envelope addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,



Brian C. Kunzler  
Reg. No. 38,527  
Attorney for Applicant

Date: January 15, 2004

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